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TRANSLATION OF SELECTED REVIEWS OF GERMAN BOOKS IN THE
FIELD OF ELECTRONICS AND ELECTRICITY

Source: Das Elektron in Wissenschaft und Technik, No 7,
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THE SCIENTIFIC BASIS OF ELECTRICAL ENGINEERING
THE PART OF ELECTRICITY AND ELECTRONICS

"Electrical Measuring Instruments, Precision and Magni-
 tudes of Effects" by Doctor of Engineering H. Langbein and Doctor
 of Engineering G. Workmeister, volume 2 of the technical physical
 monographs, with 190 illustrations, XII/203 pages in the format DIN
 A 5. Published by the Akademische Verlagsgesellschaft Geest and
 Portig, Leipzig, 1951. Price DM. 18.00

This book which has been out of print since the end of
 1944 is now appearing in its second edition in fairly unchanged
 form, since practically no changes have occurred in the mean-
 time in the subjects of the influence of errors and of accuracy.

"Electron Microscopy" by Doctor of Engineering Hans Mahl
 and Erich [illegible]. Volume 58 of the little textbooks, with
 86 illustrations in the text; appendix containing 39 illustra-
 tions and 5 tables; 188 pages in the format 12 x 20 centimeters;
 publishers: VEB Bibliographisches Institut, Leipzig 1951. Price
 boardbound, 5.80 DM. This book offers an extensive and generally
 understandable picture of the foundations of electron ~~ultra~~-micro-
 scopy, as well as a discussion of the construction of apparatus and
 working methods. The illustrations are of considerable help in
 reaching an understanding of the material which the author pre-
 sents most clearly. The book discusses the most recent develop-
 ments of the field.

"The Scientific Basis of Electrical Engineering," by Prof.
 Dr. Heinz Schönfeld, with 296 illustrations, XI/258 pages in the
 format 17 x 24 centimeters, published by S. Hirsel Verlag, Leipzig,
 1951. Price, half-cloth, 19.00 DM.

The beginning engineer who must solve electrical problems in the course of his work can find knowledge of the following in this book: 1. The basic natural laws of the electrical world; 2. Basic technical applications; 3. ~~working~~ methods for the solution of electrical engineering problems. The book places special value on observations of energy, since such observations leave us with the feeling that we have managed to look particularly deeply into the ^{inner} world of nature - this probably because energy considerations are common to all regions of nature. In order to make study the easier for the reader the three main chapters are constructed as far as possible in exactly the same fashion. The student will find this remarkable didactic care very pleasant.

Radio Tubes. "Properties and Use of the New Ultra Short Wave [ULW] Tubes", by Ludwig Matheiser, with 237 illustrations, 127 pages in the format 16 x 24 centimeters. Published by Regalien's Verlag, Berlin-Grünwald 1951. Price (bound) 16.00 DM.

The formulation of this supplementary volume on ultra short waves is like the formulation of the main volume. In the first section current ultra short wave questions are discussed. The second section contains data and curves for the tubes that have been recently newly introduced and contains circuit examples for these tubes. The book is excellently put together and can be highly recommended.

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